



LITHGOWS №983

EMPIRE MIRANDA

PROFILE & DECK PLAN

As BUILT

N.N. "MERCHANT" \*

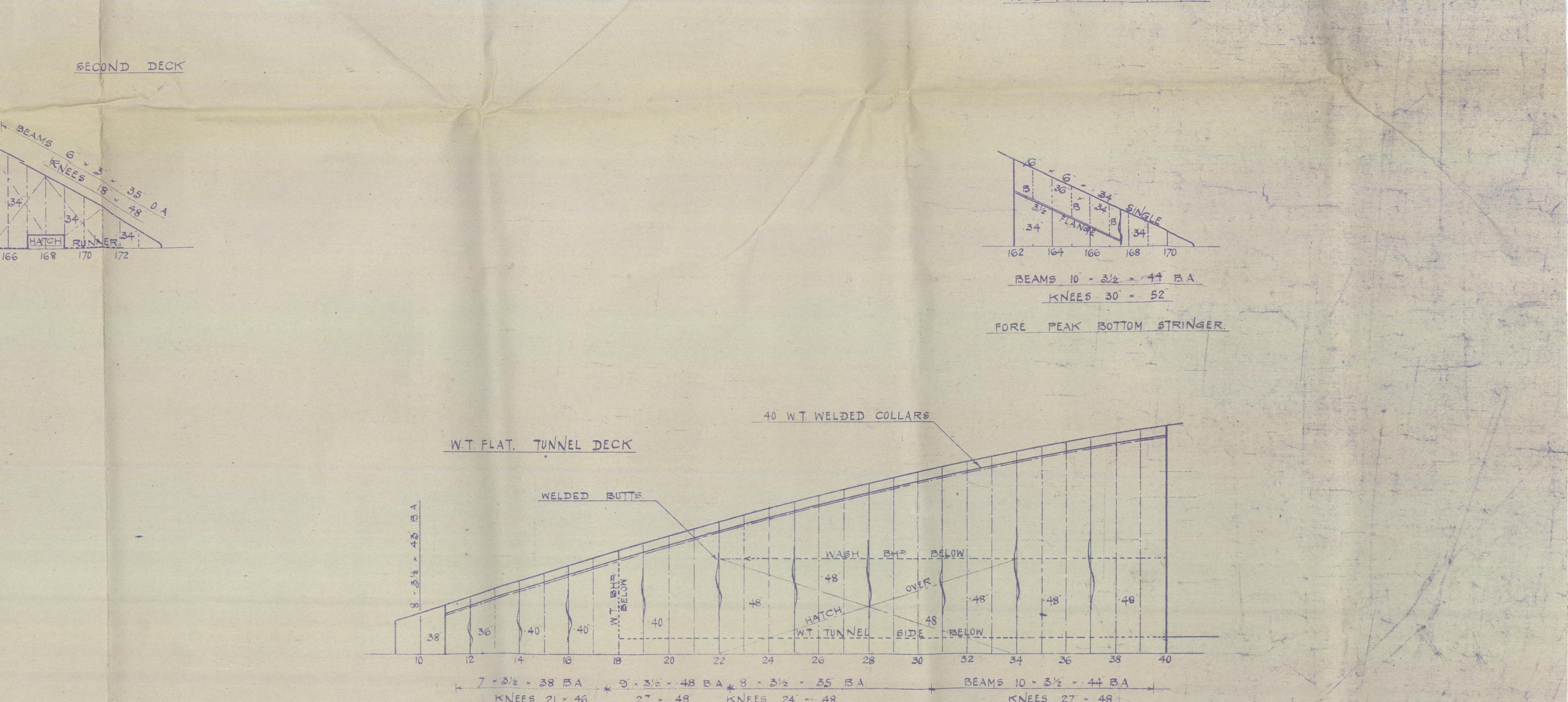
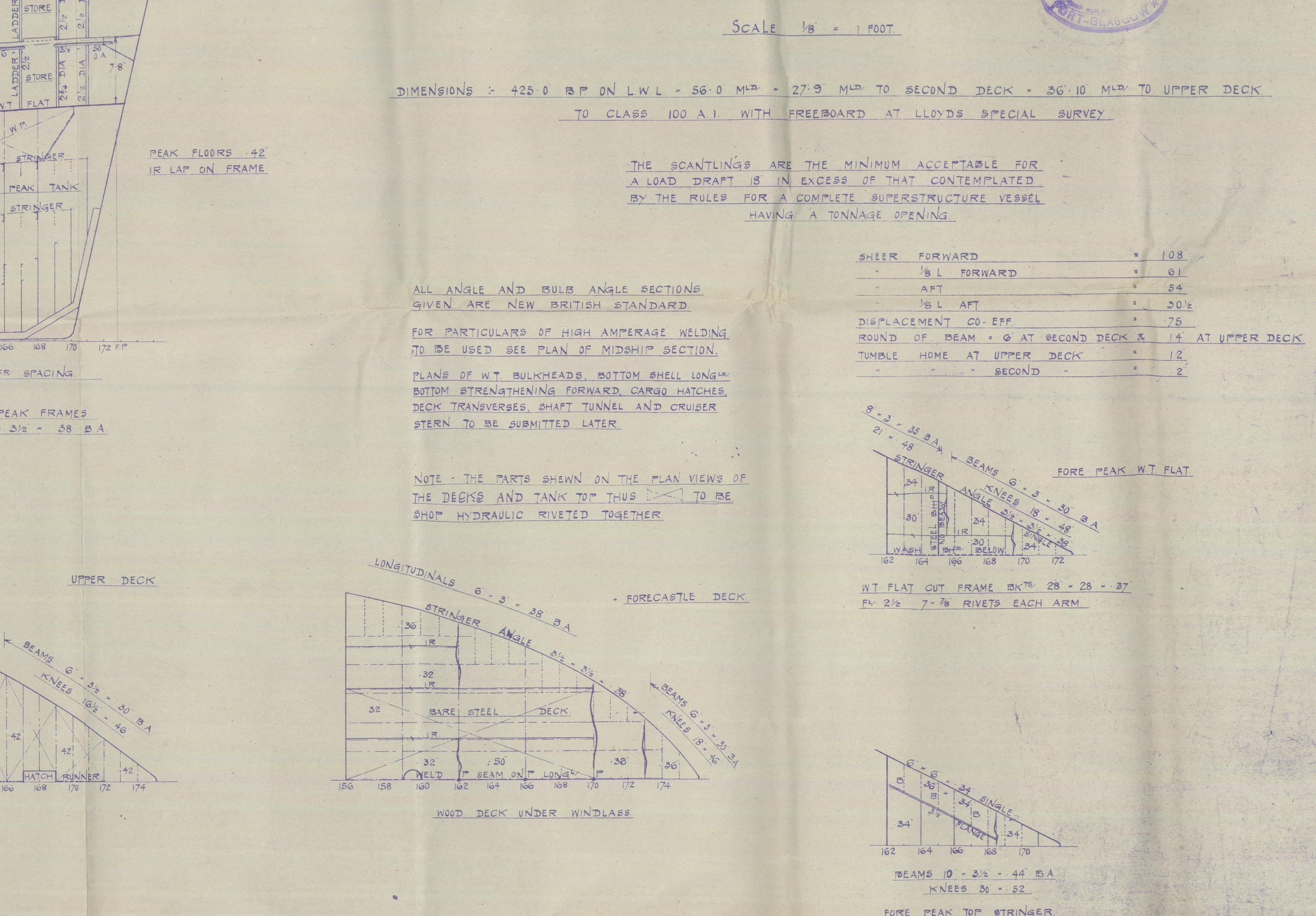
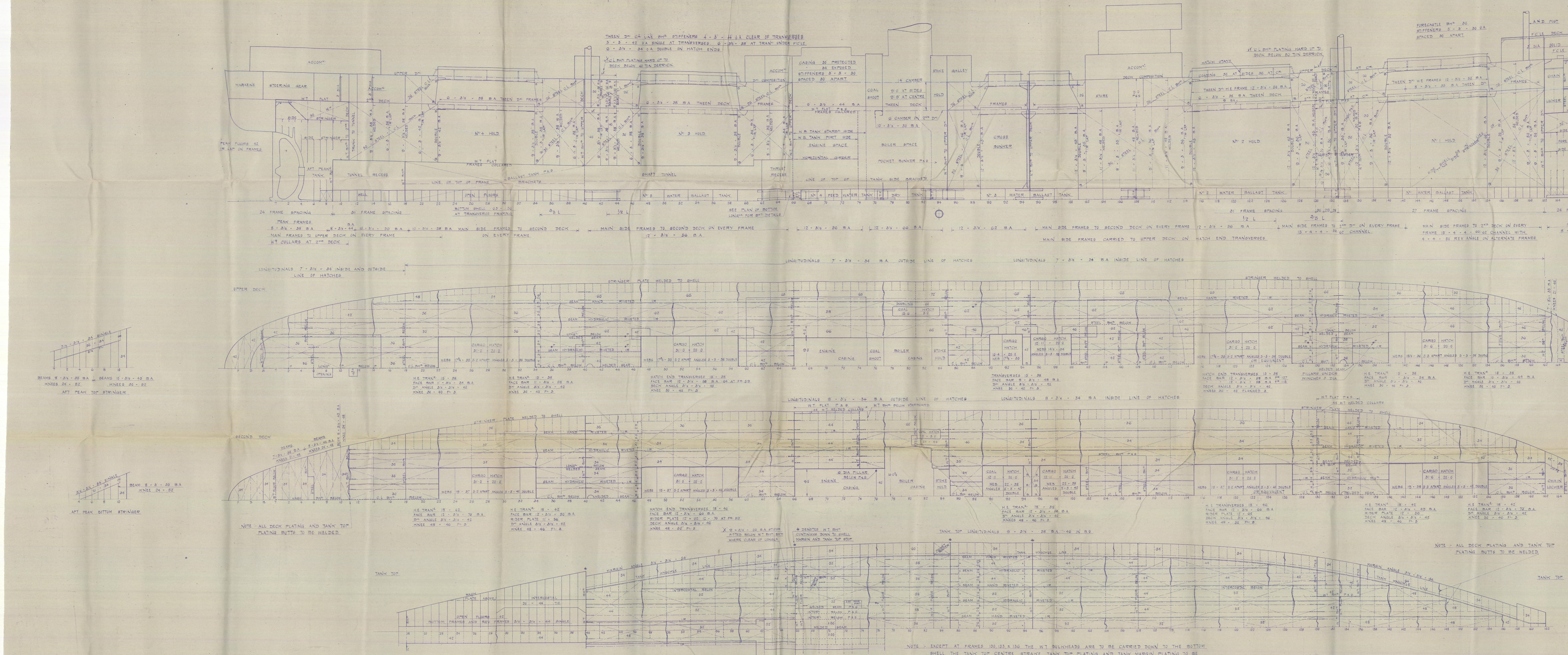


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003298-003306-0253

**"EMPIRE MIRANDA"  
PROFILE AND DECKS PLAN.  
S. S. No. 983.**



NOTE - EXCEPT AT FRAMES 130 & 135 THE WT BULKHEADS ARE TO BE CARRIED DOWN TO THE BOTTOM SHELL. THE TANK TOP CENTRE STRAKE, TANK TOP PLATING AND TANK MARGIN PLATING TO BE STOPPED ON EACH SIDE OF THE BULKHEADS AND WELDED. THE CENTRE GIRDERS ONLY BEING CONTINUOUS AT THE ABOVE FRAMES THE TANK TOP AND MARGIN PLATING IS TO BE CONTINUOUS.

LITNGOWS NO 383.  
EMPIRE MIRANDA

MIDSHIP SECTION.

As Built

N.N. "MERCHANT" ~~sk~~



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003298-003306-8232

**EMPIRE MIRANDA**  
**MIDSHIP SECTION**  
S. S. No. 983

LLOYD'S  
LITHOGRAPHS  
LIMITED  
3 AUG. 1940  
PORT GLASGOW

SCALE 1/2" = 1 FOOT  
DIMENSIONS - 425.0 BP ON LWL - 56.0 EXT - 86.0 M. - 27.0 MID TO SECOND DECK - 36.10 M. TO UPPER DECK

TO CLASS 100 A1 WITH FREEBOARD AT LLOYD'S SPECIAL SURVEY

THE SCANTLINGS ARE THE MINIMUM ACCEPTABLE FOR A LOAD DRAUGHT IN EXCESS OF THAT CONTEMPLATED BY THE RULES FOR A COMPLETE SUPERSTRUCTURE VESSEL HAVING A TONNAGE OPENING.

ALL ANGLE AND BULB ANGLE SECTIONS GIVEN ARE NEW BRITISH STANDARD HIGH AMPERE WELDING TO BE USED IN HULL CONSTRUCTION WHERE PRACTICABLE BUT NOT IN OVERHEAD WORK.

LLOYD'S NUMERALS  
FIRST LONGITUDINAL NUMBER 425 - (56 + 20.8)  
SECOND LONGITUDINAL NUMBER L + CB + D) 425 - (26 + 25.7)  
L/D TO UPPER DECK 425 - 30.83  
D MOULDED DEPTH 27.78 + 8.0  
d = 27.78 - (5.78 + 8 CREDIT FOR HIGHER RIVET + 0 FOR DEEP KNEES  
d = HALF LENGTH FORWARD

EQUIPMENT NUMBER  
SECOND LONGITUDINAL NUMBER 425 - (56 + 20.8)  
FORECASTLE 40 - 7.8 - 22.5  
HOUSE AFT 24.5 - 7.5 - 13.0  
MIDSHIP ACCOMMODATION AND CABIN 72 - 8 - 28.8  
SALOON HOUSE 20 - 8 - 12.0  
EQUIPMENT NUMBER 40218

EQUIPMENT  
2 BOWER ANCHORS 60 CHTS EACH STOCKLESS.  
1 STREAM ANCHOR 10 CHTS EACH STOCKLESS.  
270 STUD CHAIN CABLE SUPPORTS (RULE 270 FATHOMS)  
200 ANCHORS 20 STUD CHAIN CABLE SUPPORTS (RULE 270 FATHOMS)  
200 PATHOMS 40' FLEXIBLE STEEL WIRE 0 - 12  
100 PATHOMS 40' SPECIAL FLEXIBLE STEEL WIRE 0 - 12  
2 HAWSES 30 FATHOMS 8 HEMP OR 24' FLEXIBLE STEEL WIRE 0 - 12  
2 WARPS 30 FATHOMS 7 HEMP OR 24' FLEXIBLE STEEL WIRE 0 - 12

RIVETING NOTE  
RIVETS IN SIDE FRAMES TO SHELL SPACED 0" TO CM. 5/8" DIA APART OR TO CM IN FORE AND AFT PEAKS AND SIDE WALL/BALLAST TANKS AND IN WAY OF DEEP FRAMING FORWARD.

RIVETS IN BOTTOM TRANSVERSE FLOR FRAMES AND REVERSE FRAMES SPACED 5" DIA APART CM TO CM IN WAY OF DEEP FRAMING FORWARD.

RIVETS IN SIDE FRAMES SPACED 5" DIA APART CM TO CM AND CLEARED TO 0" IN FORE AND AFT PEAKS AND SIDE WALL/BALLAST TANKS AND IN WAY OF DEEP FRAMING FORWARD.

RIVETS IN CENTRE GIRDERS VERTICAL ANGLES SPACED 5" DIA CM TO CM REELED IN 5 - 5 ANGLES.

RIVETS IN PLATE-KEEL ANGLES SPACED 5" DIA APART CM TO CM WT & TWIN & TWIN WT.

RIVETS IN TRANSVERSE FLOR FRAMES SPACED 5" DIA CM TO CM.

RIVETS IN SHELL PLATE OF WT BULKHEAD FRAMES SPACED 5" DIA CM TO CM.

RIVETS IN BULKHEAD PLATE OF WT BULKHEAD FRAMES SPACED 4" DIA CM TO CM.

RIVETS IN DECK LONGITUDINALS SPACED 6" DIA CM TO CM AND 6" DIA CM TO CM.

RIVETS IN SIDE BULKHEAD STIFFENERS SPACED 7" DIA CM TO CM AND 6" DIA CM TO CM.

RIVETS IN BEAMS OF BOTTOM SHELL PLATING SPACED 4" DIA CM TO CM AND 4" DIA CM TO CM.

RIVETS IN BEAMS OF TANK TOP PLATING SPACED 4" DIA CM TO CM AND 4" DIA CM TO CM.

RIVETS IN BEAMS OF SIDE SHELL PLATING SPACED 4" DIA CM TO CM AND 4" DIA CM TO CM.

RIVETS IN BEAMS OF SIDE SHELL PLATING SPACED 4" DIA CM TO CM AND 4" DIA CM TO CM.

RIVETS IN BEAMS OF SIDE SHELL PLATING SPACED 4" DIA CM TO CM AND 4" DIA CM TO CM.

